

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Jean-Michel FRANCHET, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: A METHOD OF FABRICATING A HOLLOW MECHANICAL PART BY DIFFUSION WELDING AND SUPERPLASTIC FORMING

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references cited in the attached French Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

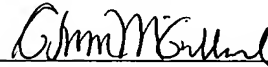
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Philippe J.C. Signore

Registration No. 43,922

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

**C. Irvin McClelland**  
**Registration Number 21,124**

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>251003US41</b>		SERIAL NO. <b>New Application</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Jean-Michel FRANCHET, et al.</b>			
				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,513,791	05/07/96	Raymond G. ROWE, et al.			
	AB	5,316,203	05/31/94	Raymond G. ROWE, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO	2 739 045	03/28/97	France		x	
	AP	2 772 021	06/11/99	France		x	
	AQ	0 849 029	06/24/98	Europe			
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

**Translation of Category of Cited Documents in the attached foreign language Search Report:**

- X:** particularly relevant if taken alone
  - Y:** particularly relevant if combined with another document of the same category
  - A:** relevant to at least one claim or as technological background
  - O:** non-written disclosure
  - P:** intermediate document
  - T:** theory or principle underlying the invention
  - E:** document entitled to a date prior to the filing date but which was not published until the filing date or a later date
  - D:** document cited in the application
  - L:** document cited for other reasons
- 
- &:** member of the same patent family, corresponding document



# **RAPPORT DE RECHERCHE PRÉLIMINAIRE**

établi sur la base des dernières revendications  
déposées avant le commencement de la recherche

N° d'enregistrement  
national

FA 632352  
FR 0304443

DOCUMENTS CONSIDÉRÉS COMME PERTINENTS		Revendication(s) concernée(s)	Classement attribué à l'invention par l'INPI
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes		
A,D	FR 2 739 045 A (SNECMA) 28 mars 1997 (1997-03-28) * abrégé; figures * ----	1-10	B23K20/18 B23P15/04
A,D	FR 2 772 021 A (HORY ARNAUD) 11 juin 1999 (1999-06-11) * abrégé; figures * ----	1-10	
A	US 5 513 791 A (CASEY REBECCA L ET AL) 7 mai 1996 (1996-05-07) * page 1, ligne 6-15 * * colonne 3, ligne 10-27 * ----	1-10	
A	US 5 316 203 A (ROWE RAYMOND G ET AL) 31 mai 1994 (1994-05-31) * colonne 1, ligne 30-44 * ----	1-10	
A,D	EP 0 849 029 A (BRITISH AEROSPACE) 24 juin 1998 (1998-06-24) * abrégé * -----	1-10	
			<b>DOMAINES TECHNIQUES RECHERCHÉS (Int.CL.7)</b>
			B23K B21D B23P
Date d'achèvement de la recherche		Examineur	
23 décembre 2003		Jaeger, H	
<b>CATÉGORIE DES DOCUMENTS CITÉS</b> X : particulièrement pertinent à lui seul Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : arrière-plan technologique O : divulgation non-écrite P : document intercalaire T : théorie ou principe à la base de l'invention E : document de brevet bénéficiant d'une date antérieure à la date de dépôt et qui n'a été publié qu'à cette date de dépôt ou qu'à une date postérieure. D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant			

**ANNEXE AU RAPPORT DE RECHERCHE PRÉLIMINAIRE  
RELATIF A LA DEMANDE DE BREVET FRANÇAIS NO. FR 0304443 FA 632352**

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche préliminaire visé ci-dessus.  
Les dits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du 23-12-2003  
Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets, ni de l'Administration française

Document brevet cité au rapport de recherche		Date de publication	Membre(s) de la famille de brevet(s)		Date de publication
FR 2739045	A	28-03-1997	FR	2739045 A1	28-03-1997
			CA	2186562 A1	28-03-1997
			DE	69605998 D1	10-02-2000
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			JP	3281551 B2	13-05-2002
			JP	9125903 A	13-05-1997
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			JP	2001525275 T	11-12-2001
			US	2003012891 A1	16-01-2003
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US 5316203	A	31-05-1994	AUCUN		
EP 0849029	A	24-06-1998	GB	2320461 A	24-06-1998
			DE	69702290 D1	20-07-2000
			DE	69702290 T2	26-10-2000
			EP	0849029 A1	24-06-1998
			ES	2147424 T3	01-09-2000
			US	6106644 A	22-08-2000